

OPERATIONAL OBJECTIVE CAMERA CHARACTERISTICS

- Pr ε 1 -

- | | | | |
|-----|----------------------------|---|-------|
| 1. | Configuration | Panoramic | 25X1A |
| 2. | Lens Type | 24" f/3.5 Petzval | |
| 3. | Film Type | SO-132 (Basic) | |
| 4. | Format Size | 2.25" X 31.6" | |
| 5. | Dynamic Resolution | 120 1/mm (Low Contrast - SO-132) | |
| 6. | Ground Resolved Distance | 10" SO-132 AT 1/550 SEC. | |
| 7. | Stereo Angle | 20 - 30° | |
| 8. | Lateral Coverage | 70 Degrees (17.1) Nautical Miles
AT K+20,000 Ft. | |
| 9. | Forward Coverage/Frame | AT K+20,000 Ft. = 9.75 ^{1.05} Nautical Miles | |
| 10. | Percent Overlap | 10% | |
| 11. | Total Forward Coverage | W/20" Dia Spools 2400 ³⁰⁰⁰ Nautical Miles / not turn out ^{inst. print}
W/ 20 ²² " Dia Spools 5260 ⁴⁰⁰⁰ Nautical Miles / not turn out ^{inst. print} | |
| 12. | Total Area Coverage | W/20" Dia Spools 45,500 ⁺ Sq. Nautical Miles
W/ 20 ²² " Dia Spools 91,000 ^{40,000} Sq. Nautical Miles | |
| 13. | Number of Frames | W/20" = 2400 3100
W/22" = 5260 4000
10,000 ft 22" spool. | |
| 14. | Film Length | 2400 ^{10,000} Feet | |
| 15. | Weight of Camera with Film | 450 - 240 Pounds | |
| 16. | Power Required | 600 Watts Max. at 28VDC.
20 Watts Max. at 115 Volts 400 Cycles | |

~~SECRET~~ SPECIAL HANDLING

SINGLE

25X1A

TAKEUP - 1 AMP. MAX. AT 28VDC.

SUPPLY - 1 AMP. MAX. AT 28VDC.

SERVO SYSTEM - 6 AMP. MAX. AT 28VDC.

CONTROL SYSTEM - 2 AMP. MAX. AT 28VDC.

MAG. AMP. - 10 WATTS, 115 VOLTS, 400 CYCLES

TOTAL

AT 28VDC. - 300 WATTS

AT 115 VOLTS, 400 CYCLES - 10 WATTS

DOUBLE

28VDC - 600 WATTS MAX.

115-400 CYCLES - 20 WATTS MAX.

~~SECRET~~ SPECIAL HANDLING